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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/805,673	03/12/2001	Gary P. Rochelle	AQTP116898	3661

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EXAMINER

BOCHNA, DAVID

ART UNIT	PAPER NUMBER
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3679

DATE MAILED: 09/24/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application N .

09/805,673

Applicant(s)

ROCHELLE, GARY P.

Examin r

David E. Bochna

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 25 July 2003.
- 2a) ☐ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-19,23-25 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☒ Claim(s) 10-19 and 24 is/are allowed.
- 6) ☒ Claim(s) 1,3-9 and 23 is/are rejected.
- 7) ☒ Claim(s) 2 and 25 is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☐ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449) Paper No(s) _____.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Claim Rejections - 35 USC § 102

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

2. Claims 1, 3 and 4 are rejected under 35 U.S.C. 102(b) as being anticipated by Kowalski.

In regard to claim 1, Kowalski discloses a fitting 34 and pipe section assembly (10, 22, 24) that is capable of being installed in tubing of a jetted bath to render the tubing adaptable to accept a close fit heater device, comprising:

a pipe section (22, 24, 10) having a center segment 10 integrally formed (see column 2, lines 6-9) with inlet and outlet end portions 22, 24 of the pipe section for fluid flow coupling to an inlet 18 and an outlet 20 of the tubing;

first and second fittings 31 integrally formed (the term "integral" does not require a unitary one-piece structure. In re Kohno, 391 F.2d 959, 157 USPQ 275 (CCPA 1968); In re Larson, 340 F.2d 965, 144 USPQ 347 (CCPA 1965) on the inlet and outlet end portions 18, 20 of the pipe section, the first and second fittings 34 facing one another;

wherein the center segment 10 of the pipe section may be selectively removed leaving the inlet and outlet portions 18, 20 including the first and second fittings 31; and

wherein the center segment 10 may be replaced with a close fit device by coupling the close fit device to the first and second fittings (10 may be removed at weld 36 and replaced with a close fit device that couples to threads 38).

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In regard to claim 3, the fitting 34 and pipe section assembly 22 is an integral body (there are all one permanently connected piece).

In regard to claim 4, the close fit device 88 may be removably secured to the fittings by the fastening assembly.

3. Claims 1 and 3-4 are rejected under 35 U.S.C. 102(b) as being anticipated by Rosecrans, Sr.

In regard to claim 1, Rosecrans discloses a fitting and pipe section assembly that is capable of being installed in tubing of a jetted bath to render the tubing adaptable to accept a close fit heater device, comprising:

a pipe section 12 having a center segment (space between fittings 14, 15) between inlet 14 and outlet 15 end portions for fluid flow coupling to an inlet and an outlet of the tubing;

first 14 and second 15 fittings integrally disposed on the inlet and outlet portions of the pipe section 12, the first and second fittings facing one another;

wherein the center segment 12 of the pipe section may be selectively removed leaving the inlet and outlet portions including the first and second fittings (the fitting may be cut just to the right of 14 and just to the left of 15, thereby removing 12 and leaving 14 and 15); and

wherein the center segment 12 may be replaced with a close fit device by coupling the close fit device to the first and second fittings.

In regard to claim 3, the fitting 14, 15 and pipe section assembly 12 is an integral body.

In regard to claim 4, a close fit device may be removably secured to the fittings 16 by a fastening assembly (any assembly means could be used to secure a close fit device to the fittings 14, 15).

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Claim Rejections - 35 USC § 103

4. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

5. Claims 5 and 6 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kowalski in view of McLaughlin. Kowalski discloses a fitting as described above with a seal 80 which is positioned between the fitting 31 and the flange 34. Kowalski also discloses a nut 14. However, Kowalski does not disclose that the nut is split or that there is a split nut retainer. McLaughlin teaches supplying a pipe section 1 and fitting with a union nut 10 and a split nut retainer 15 in order to more easily facilitate assembly of the pipe assembly. Therefore it would have been obvious to a person having ordinary skill in the art at the time the invention was made to modify the nut of Kowalski to include a split nut, as taught by McLaughlin so that the fitting could be assembled more easily by allowing the nut to be placed over the fitting at numerous points during the assembly process

6. Claims 7 and 23 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kowalski in view of Thweatt. Kowalski discloses replacing one pipe section 10 with another 88. However, Kowalski does not specifically disclose that one of the devices is a heating device. Thweatt teaches that placing a heating device (fig. 14) between tubing is common and routine in the art. Therefore it would have been obvious to a person having ordinary skill in the art at the time the invention was made to modify the devices of Kowalski to include heating devices,

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because the practice of placing heating devices in line with a tubing sections is common and routine in the art, as demonstrated by Thweatt.

7. Claims 8-9 are rejected under 35 U.S.C. 103(a) as being unpatentable over Kowalski in view of Luff. Kowalski discloses a fitting as described above. However, Kowalski does not disclose that the pipe section can be replaced with a T-fitting. Luff teaches replacing a linear pipe (fig. 4) with a T junction having a transverse pipe branch 2 which may be removably fastened to a transverse tubing segment of a jetted tub in order to increase the versatility of the pipe section assembly. . Therefore it would have been obvious to a person having ordinary skill in the art at the time the invention was made to modify the pipe section of Kowalski to include a T junction, as taught by Luff, in order to increase the way in which the pipe section assembly can be utilized.

Allowable Subject Matter

8. Claims 10-19 and 24 are allowed.

9. Claims 2 and 25 are objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims.

Response to Arguments

10. Applicant's arguments with respect to claims 1, 3-9 and 23 have been considered but are not persuasive. Applicant argues that Kowalski does not teach making the fittings 34 integral with the center section. However, Kowalski does teach that the fittings are integral, as noted by the applicant on page 8, line 3 of the Applicant's response submitted on 7/25/03. Applicant also argues that the fittings are not facing one another. However, the fittings 34 appear to be facing

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one another as much as the fittings 18A and 18B of the applicant's invention are able to face one another.


The Applicant previously argued that Rosecrans, Sr. does not give motivation for cutting the center segment 12 as described in claim 1. However, Rosecrans, Sr. does not have to give motivation for doing so. As long as the center segment of Rosecrans, Sr. "may" be cut, Rosecrans, Sr. fully anticipates the present invention.

Conclusion

11. Any inquiry concerning this communication or earlier communications from the examiner should be directed to David E. Bochna whose telephone number is (703) 306-9040. The examiner can normally be reached on 8-5:30 Monday-Thursday and every other Friday.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Lynne H. Browne can be reached on (703) 308-1159. The fax phone numbers for the organization where this application or proceeding is assigned are (703) 872-9326 for regular communications and (703) 872-9327 for After Final communications.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is (703) 308-2168.


David Bochna
September 16, 2003